

PCT

世界知的所有権機関
国際事務局

特許協力条約に基づいて公開された国際出願



(51) 国際特許分類7 H04N 5/92, G11B 27/00, 27/10		A1	(11) 国際公開番号 WO00/49803
			(43) 国際公開日 2000年8月24日(24.08.00)
<p>(21) 国際出願番号 PCT/JP00/00944</p> <p>(22) 国際出願日 2000年2月18日(18.02.00)</p> <p>(30) 優先権データ 特願平11/39461 1999年2月18日(18.02.99) JP</p> <p>(71) 出願人 (米国を除くすべての指定国について) 株式会社 東芝(KABUSHIKI KAISHA TOSHIBA)[JP/JP] 〒210-8572 神奈川県川崎市幸区堀川町72番地 Kanagawa, (JP) 東芝エー・ブイ・イー株式会社 (TOSHIBA AVE CO., LTD.)[JP/JP] 〒105-0004 東京都港区新橋3丁目3番9号 Tokyo, (JP)</p> <p>(72) 発明者 ; および (75) 発明者／出願人 (米国についてのみ) 安東秀夫(ANDO, Hideo)[JP/JP] 〒191-0022 東京都日野市新井890-1 ハイホーム高幡不動205 Tokyo, (JP) 宇山和之(UYAMA, Kazuyuki)[JP/JP] 〒360-0845 埼玉県熊谷市美土里町2丁目199 LM301号 Saitama, (JP) 伊藤雄司(ITO, Yuuji)[JP/JP] 〒143-0024 東京都大田区中央5-22-1 Tokyo, (JP)</p>			
<p>菊地伸一(KIKUCHI, Shinichi)[JP/JP] 〒235-0045 神奈川県横浜市磯子区洋光台4-23-1 ショックビラヨーコーV-202号 Kanagawa, (JP)</p> <p>(74) 代理人 鈴江武彦, 外(SUZUYE, Takehiko et al.) 〒100-0013 東京都千代田区霞が関3丁目7番2号 鈴柴内外國特許法律事務所内 Tokyo, (JP)</p> <p>(81) 指定国 JP, US</p> <p>添付公開書類 国際調査報告書</p>			
<p>(54) Title: MEDIUM ON WHICH STREAM DATA IS RECORDED, ITS RECORDING METHOD, AND ITS REPRODUCING METHOD</p> <p>(54) 発明の名称 ストリームデータの記録媒体、その記録方法および再生方法</p> <p>(a) </p> <p>(b) </p> <p>(c) </p> <p>(d) </p> <p>(e) </p> <p>(f) </p> <p>(g) </p> <p>(h) </p> <p>(i) </p> <p>201...INFORMATION RECORDING MEDIUM 202...TOWARD INNER PERIPHERAL 203...TOWARD OUTER PERIPHERAL 204...READ IN AREA (EMBOSS REWRITABLE DATA ZONE) 205...VOLATILE STRUCTURE INFORMATION (REWRITABLE DATA ZONE) 206...DATA AREA (REWRITABLE DATA ZONE) 207...READ OUT AREA (REWRITABLE DATA ZONE) 208...COMPUTER DATA AREA 209...AUDIOVIDEO DATA AREA 210...COMPUTER DATA AREA 211...REAL TIME VIDEO RECORDING AREA 212...STREAM RECORDING AREA 213...VIDEO MANAGER (VMCI/STP_WMC1) 214...STREAM FILE INFORMATION TABLE (SFIT1) 215...ORIGINAL POC INFORMATION (OPC_POC1) 216...USED DEFINITIVE POC INFORMATION TABLE (UD_POC_IT) 217...TEST DATA MANAGER (TTDT_MG) 218...MANUFACTURER INFORMATION TABLE (MFTIT/APOT_MG) 219...STREAM FILE INFORMATION TABLE (SFIT1/APOT_MG) 220...STREAM OBJECT INFORMATION (SOBI) 221...STREAM OBJECT INFORMATION (SOBI) 222...ORIGINAL POC GENERAL INFORMATION 223...ORIGINAL CELL INFORMATION 01 224...ORIGINAL CELL INFORMATION 02 225...STREAM OBJECT INFORMATION GENERAL INFORMATION (SOBT_SOBI) 226...TIME MAP INFORMATION 227...CELL TYPE 228...CELL ID 229...CELL-OF-CONCERN START TIME 230...CELL-OF-CONCERN END TIME 231...PTS OFFSET 232...TIME RELATIONSHIP TABLE 233...STREAM BLOCK NUMBER 234...FIRST STREAM BLOCK SIZE 235...SECOND STREAM BLOCK SIZE 236...THIRD STREAM BLOCK SIZE 237...FOURTH STREAM BLOCK SIZE 238...FIFTH STREAM BLOCK SIZE 239...SIXTH STREAM BLOCK SIZE 240...SEVENTH STREAM BLOCK SIZE 241...EIGHTH STREAM BLOCK SIZE 242...NINTH STREAM BLOCK SIZE 243...TENTH STREAM BLOCK SIZE 244...ELEVENTH STREAM BLOCK SIZE 245...TWELFTH STREAM BLOCK SIZE 246...THIRTEEN STREAM BLOCK SIZE 247...FOURTEEN STREAM BLOCK SIZE 248...FIFTEEN STREAM BLOCK SIZE 249...SIXTEEN STREAM BLOCK SIZE 250...SEVENTEEN STREAM BLOCK SIZE 251...EIGHTEEN STREAM BLOCK SIZE 252...NINETEEN STREAM BLOCK SIZE 253...TWENTY STREAM BLOCK SIZE 254...TWENTY-ONE STREAM BLOCK SIZE 255...TWENTY-TWO STREAM BLOCK SIZE 256...TWENTY-THREE STREAM BLOCK SIZE 257...TWENTY-FOUR STREAM BLOCK SIZE 258...TWENTY-FIVE STREAM BLOCK SIZE 259...TWENTY-SIX STREAM BLOCK SIZE 260...TWENTY-SEVEN STREAM BLOCK SIZE 261...TWENTY-EIGHT STREAM BLOCK SIZE 262...TWENTY-NINE STREAM BLOCK SIZE</p>			
<p>(57) Abstract</p> <p>While recorded stream data to which time stamp information is added to every packet is reproduced, the time is managed using the time stamp information. The video reproducing time judged by the user and indicated by the respective picture display times of I, B, and P is different from the time indicated by the time stamp information. Therefore, if the time is managed for the stream data recorded on an information storage medium only by the time stamp information, the display time (video reproducing time) of the display to the user is not controlled properly. According to the invention, a time relationship table showing the relationship between the time stamp information included in the stream data at the start time position of each I picture and the display time information (PTS or field information) about the display to the user is contained in part of management information.</p>			

BEST AVAILABLE COPY